

We claim:

1 1. A method of communicating data from a remote application data store to a
2 mobile device via a system server, comprising the steps of:
3 extracting data from the application data store to the system server;
4 generalizing the extracted data based upon application specific rules; and
5 presenting the generalized data on the mobile device based upon device
6 specific rules.

1 2. The method recited in claim 1, wherein the generalizing step constructs
2 generic objects from the extracted data.

1 3. The method of claim 1 further comprising the steps of:
2 generating a request for the application data store with the mobile device;
3 and
4 transmitting the request to the application data store;
5 wherein the extracted data is extracted based upon the request.

1 4. The method recited in claim 1 further comprising the step of displaying the
2 presented data on the mobile device with a generic application template.

1 5. The method recited in claim 1 further comprising the steps of:
2 transmitting the extracted data to the system server; and
3 transmitting the generalized data to the mobile device via the Internet.

1 6. The method recited in claim 1, further comprising the steps of:
2 wherein the generalizing step constructs generic objects from the extracted data.

1 7. A method of extracting data from a plurality of remote application data
2 sources to present on a mobile device via a system server, comprising the steps
3 of:

4 extracting a first set of data from a first data source to the server;
5 constructing a first data object based upon the first set of data;
6 identifying a crossover data point in the first data object corresponding to a
7 target data point contained in a second data source;
8 extracting a second set of data from the second data source based upon
9 the crossover data point to the system server; and
10 presenting the second set of data on the mobile device based upon device
11 specific rules.

1 8. The method recited in claim 7, further comprising the steps of:
2 generalizing the extracted second set of data based upon application
3 specific rules prior to presenting on the mobile device.

1 9. The method of claim 7 further comprising the steps of:
2 generating a first request for the application data source with the mobile
3 device wherein the first set of data is extracted based upon the first request; and
4 generating a second request for the second data source with the mobile
5 device wherein the second set of data is extracted additionally based upon the
6 second request.

1 10. The method recited in claim 7 further comprising the step of displaying the
2 presented data on the mobile device with a generic application template.

1 11. A mobile data communication system comprising:
2 a plurality of application specific remote data sources;
3 an internet based server coupled to the application specific remote data
4 sources comprising:
5 a server database,
6 interface means for extracting data from the application specific remote
7 data sources,

